

# NEMA SPECT Triple Line Source Phantom™



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Model ECT/NEM-TRI/P

### Main Features:

- The NEMA SPECT Triple Line Source Phantom™ is designed in accordance with the recommendations by the National Electrical manufacturers Association (NEMA) to standardize the measurement of reconstructed spatial resolution of SPECT\*

### Main Applications:

- Acceptance testing with NEMA standard
- Center-of-rotation error evaluation
- Evaluation of changes of radius-of-rotation on spatial resolution
- Quantitative evaluation of reconstruction filters and scatter compensation methods
- Research

### Specifications:

Cylinder outside diameter: 22.2 cm

Cylinder inside diameter: 20.2 cm

Cylinder outside height: 23.8 cm

Cylinder inside height: 20.0 cm

Diameter of line sources: ~ 1 mm

Spacing of Line Sources: 7.5 cm

Useful Height of Line Sources: 18.4 cm

\* *Performance Measurements of Scintillation Cameras*, NEMA Standards Publication No. NU1, National Electrical Manufacturers Association (NEMA), Washington, D.C., 1994.